

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Markus Matuschek et al.

Application No.: 10/541,750

Confirmation No.: N/A

Filed: July 8, 2005

Art Unit: N/A

For: METHOD FOR PRODUCING CAROTENOIDS  
OR THEIR PRECURSORS USING  
GENETICALLY MODIFIED ORGANISMS OF  
THE BLAKESLEA GENUS, CAROTENOIDS  
OR THEIR PRECURSORS PRODUCED BY  
SAID METHOD AND USE THEREOF

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Examiner: Not Yet Assigned

**SECOND PRELIMINARY AMENDMENT**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

Prior to examination on the merits, please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Listing of claims** begins on page 6 of this paper.

**Remarks** begin on page 14 of this paper.